

S/N: 09/612,869
Reply to Office Action of May 14, 2003

Atty Dkt No. FMCV 0113 PUS / 199-623/LJS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-13. (Cancelled)

14. (Previously Amended) An automobile interior molded panel comprising:
a rigid substrate;
a preformed composite pad comprising a non-impregnable layer and an impregnable layer; and
a cover skin disposed over and bonded to the substrate and the pad.

15. (Previously Amended) The panel of claim 14 wherein the cover skin is bonded to at least a portion of the non-impregnable layer of the pad and a portion of the substrate.

16. (Original) The panel of claim 15 wherein the impregnable layer is made of reticulated material having an amount of pores per inch of about 1 to 100 and a foam density of about 1.5 to 2.5 pcf.

17. (Original) The panel of claim 16 wherein the non-impregnable layer is made of non-reticulated elastomeric foam material.

18. (Previously Amended) The panel of claim 17 wherein at least portions of the rigid substrate is present throughout the impregnable layer.

19. (Original) The panel of claim 18 wherein the composite pad has a Shore A hardness of about 35-70 when measured according to ASTM No. D2240.

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20. (Original) The panel of claim 19 wherein the molded panel has a Shore A hardness of about 45-70 when measured according to ASTM No. D2240 while measuring along a line that intersects the composite pad.

21. (Currently Amended) ~~The panel of claim 18~~ An automobile interior molded panel comprising:

a rigid substrate;

a preformed composite pad comprising a non-impregnable layer and an impregnable layer;

a cover skin disposed over and bonded to the substrate and the pad;

wherein the cover skin is bonded to at least a portion of the non-impregnable layer of the pad and a portion of the substrate;

wherein the impregnable layer is made of reticulated material having an amount of pores per inch of about 1 to 100 and a foam density of about 1.5 to 2.5 pcf;

wherein the non-impregnable layer is made of non-reticulated elastomeric foam material;

wherein at least portions of the rigid substrate is present throughout the impregnable layer; and

wherein at least a portion of the rigid substrate is adjacent to the sides of the impregnable layer.

22. (Previously Added) An automobile interior molded panel comprising:

a rigid substrate;

a composite pad comprising a non-impregnable layer and an impregnable layer;

and

a cover skin disposed over and bonded to the substrate and the pad;

wherein at least a portion of the rigid substrate is present throughout the impregnable layer.

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23. (Previously Added) The panel of claim 22 wherein the impregnable layer is made of reticulated material having an amount of pores per inch of about 1 to 100 and a foam density of about 1.5 to 2.5 pcf.

24. (Previously Added) The panel of claim 22 wherein the non-impregnable layer is made of non-reticulated elastomeric foam material.

25. (Previously Added) The panel of claim 22 wherein the impregnable layer is made of reticulated material having an amount of pores per inch of about 1 to 100 and a foam density of about 1.5 to 2.5 and wherein the non-impregnable layer is made of non-reticulated elastomeric foam material.

26. (Previously Added) The panel of claim 25 wherein the composite pad has a Shore A hardness of about 35-70 when measured according to ASTM No. D2240.

27. (Previously Added) The panel of claim 25 wherein the molded panel has a Shore A hardness of about 45-70 when measured according to ASTM NO. D2240 while measuring along a line that intersects the composite pad.

28. (Previously Added) The panel of claim 22 wherein the cover skin is bonded to at least a portion of the non-impregnable layer of the pad and a portion of the substrate.

29. (Previously Added) An automobile interior molded panel comprising:
a rigid substrate;
a composite pad comprising a non-impregnable layer and an impregnable layer;
and
a cover skin disposed over and bonded to the substrate and the pad;
wherein at least a portion of the rigid substrate is adjacent to the sides of the impregnable layer.

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30. (Previously Added) The panel of claim 29 wherein the impregnable layer is made of reticulated material having an amount of pores per inch of 1 to 100 and a foam density of about 1.5 to 2.5 pcf.

31. (Previously Added) The panel of claim 30 wherein at least portions of the rigid substrate is present throughout the impregnable layer.

32. (Previously Added) The panel of claim 31 wherein the non-impregnable layer is made of non-reticulated elastomeric foam material.

33. (Previously Added) The panel of claim 32 wherein the composite pad has a Shore A hardness of about 35-70 when measured according to ASTM No. D2240.

34. (Previously Added) The panel of claim 33 wherein the molded panel has a Shore A hardness of about 45-70 when measured according to ASTM No. D2240 while measuring along a line that intersects the composite pad.

35. (Previously Added) The panel of claim 29 wherein the cover skin is bonded to at least a portion of the non-impregnable layer of the pad and a portion of the substrate.